

Tree Stewards of Harrisonburg

Schedule of classes: Monday, 5:30-7:30 pm August 19 – Oct. 21

(Includes one Saturday, Oct. 12, picnic and workshop)

Aug. 19: Jeremy Harold, Wes Runion

- Unit 1 Introduction to How Trees Grow
- Microbiology
- How Trees Grow
- Growth Cycles
- Wounding a Tree
- Compartmentalization – CODIT

Aug. 26: Joe Murray, Blue Ridge Community College

- Unit 2 Tree Roots, Shoots and Leaves
- Root System
- Shoot System
- Leaves
- Unit 3 Tree Life Functions
- Photosynthesis
- Respiration
- Transpiration
- Translocation
- Growth Factors

Sept. 9: Josh McLaughlin, Virginia Department of Forestry

- Unit 4 Tree Identification and Propagation
- Using an Identification Key
- Characteristics of Tree Leaves
- Scientific Naming
- Tree Reproduction
- Nursery Trees

Sept. 16: Joe Lehnen, Virginia Department of Forestry

- Unit 7 Tree Selection
- The Right Tree for the Right Site
- Buying Quality Trees
- Checklist for Site Assessment and Tree Selection
- Unit 8 Planting and Tree Care
- The Planting Site
- Early Maintenance for a Good Start
- Tree Needs
- Preventive Measures

Sept. 23: Don Flegle, NRCS; JMU Arboretum

- Unit 5 Trees in the Community
- Urban Site Problems
- Urban Forestry
- Unit 6 Soils and Water
- Characteristics of Soil
- Water Management

October 7: Bruce Harmon, Virginia Department of Forestry

- Unit 9: Tree Pruning
- Pruning Priorities
- Pruning Basics
- When to Prune
- Correct Tools

Saturday, October 12, 9-2: Picnic and Workshop

- October 14: No Speaker
- Unit 10: Tree Problems
- The Evaluation Process
- Top to Bottom
- Collecting Samples
- Tree Inspection Form

October 21: Turn in Samples and Tree Inspection Forms

- Trees and People
- Trees and Construction
- Trees and Utilities
- Trees and the Law
- Final Exam